

Amendment No. 4
UNFPA/DNK/ITB/24/006

The United Nations Population Fund (UNFPA) informs all Bidders about the below changes made to **ITB UNFPA/DNK/ITB/24/006** for the [Manufacture and/or Supply of Medical Devices/Equipment and Related Services](#) for its programs in Uzbekistan as published on UNGM:

1. **Reference is made to Technical Specifications of all devices mentioned in the ITB:**
All hose connections must be according to DIN standard, as opposed to DISS as originally mentioned in the ITB.
2. **Reference is made to Section 5, page 1:**
Following queries received and given the revised Technical Specifications, the deadline for submission of bids is extended until **Monday, 08 July 2024 at 15:00 Hours Copenhagen local time**. In light of the changes announced, Bidders who wish to resubmit their Offer shall send their **new complete Offers** before the bid closure deadline and clearly mention that the previously submitted Offer has been replaced by the new submission, rendering the previous Offer null and void. Bidders who wish to resubmit their Offer shall submit it in **full**, meaning that partial elements of the previous submission will not be considered for evaluation. Only the final complete and new Offer will be considered valid and included for further evaluation.
3. **Reference is made to Section 6, page 2:**
In light of the extended bid validity, bids shall be opened on **Tuesday, 09 July 2024 at 10:00 AM Copenhagen local time** via teleconference. The link to the Bid Opening shall be shared with all Bidders closer to the date.
4. **Reference is made to Section II: Technical Specifications and Schedule of Requirements, 2.1 Technical Specifications:**
Bidders shall refer to the revised Technical Specifications as per the below table

Lot No. and Item	Original Product Description	Revised Product Description
Item No. 1 Anesthesia Machine	<p>Anesthesia units dispense a mixture of gasses and vapors and vary the proportions to control a patient's level of consciousness and/or analgesia during surgical procedures, for patients over 5 kg weight .</p> <p>Electrical Requirements:</p>	<p>Anesthesia units dispense a mixture of gasses and vapors and vary the proportions to control a patient's level of consciousness and/or analgesia during surgical procedures, for patients over 5 kg weight .</p> <p>Electrical Requirements:</p>
	<p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Eurostandard cable at least 3 meters long</p> <p>Built-in rechargeable battery for at least 90 minutes of autonomy. Switch back and forth between battery and mains operation in case of power failures.</p> <p>Availability of at least 3 additional sockets for connecting auxiliary equipment (monitor, infusion pump).</p> <p>Technical specifications:</p> <p>Adult and pediatric patients.</p> <p>Electrically driven ventilator, supported by the internal battery in case of power failure.</p> <p>Device suitable for low flow anesthesia, closed/semi-closed system.</p> <p>Mounted on four (4) antistatic castors at least two of the castors with brakes.</p>	<p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Eurostandard cable</p> <p>Built-in rechargeable battery for at least 90 minutes of autonomy. Switch back and forth between battery and mains operation in case of power failures.</p> <p>Availability of at least 3 additional sockets for connecting auxiliary equipment (monitor, infusion pump).</p> <p>Technical specifications:</p> <p>Adult and pediatric patients.</p> <p>Electrically driven ventilator, supported by the internal battery in case of power failure.</p>

	<p>With a surface/work table.</p> <p>With at least two (2) drawers.</p> <p>With a surface or shelf to place a vital signs monitor.</p> <p>Two (2) gas inlets: O₂ and Air</p> <p>Gas inlet connections compliant with DISS (according to the requirements of the destination country). With security systems to avoid errors in the gas connection.</p> <p>Gas inlet pressure gauges.</p> <p>Provided with a minimum of two (2) gas cylinder yokes for O₂ and Air. Connections compliant with DISS (according to the requirements of the destination country), gas hose and pressure regulators for O₂ and Air cylinders will be accepted.</p> <p>Flowmeters for O₂, Air and N₂O. Minimum range 0.1- 10 L/min. For O₂ and N₂O, resolution at least 0.05 L/min between 0.1--1.0L/min. Electronic flowmeters with the capacity to work with low flows will be accepted.</p> <p>Two (2) vaporizer slots, with an interlock system preventing the use of more than one vaporizer simultaneously.</p> <p>Safety system that prevents a hypoxic mixture, that guarantees a minimum concentration of 25%.</p> <p>With a passive scavenging system</p> <p>Self test</p> <p>It must allow emergency start without running the tests, in no more than 60 seconds.</p> <p>Oxygen flush</p>	<p>An anesthesia machine with an electro-pneumatic powered ventilator will also be accepted if it's provided with an medical grade air compressor, integrated with the anesthesia machine or independent, with at least the following characteristics:</p> <ul style="list-style-type: none"> • The main driver of Anaesthesia machine should be the compressor. It should not rely on hospital air line, since hospitals do not have air supply. • In case that the compressor turns off, the Anaesthesia machine must automatically switch to O₂ as driven gas. • The compressor must have the same warranty conditions and period as the anesthesia machine. • Suitable for continuous operation. • Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz • Oil free. • Should provide medical grade air. • With air dryer • Tank volume: at least 2 L • Outlet pressure: between 4 and 6 Bar, according to the working pressure of the anesthesia machine • Noise level: less than 51 dB • Air filter: at least 5 µm • Peak flow: at least 200 l/min • Flow: at least 50 l/min • Air outlet connection: DIN (according to the requirements of the destination country) • If it's a compressor independent of the anesthesia machine, it must have 4 wheels, at least two of them with brakes; or a cart with wheels for transportation. • The compressor must comply with EU Directive 2014/68//EC
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	<p>CO2 absorber canister, reusable, volume of at least 1.2 liters.</p> <p>Built-in color display LCD, at least 15".</p> <p>Encoder for adjusting parameters</p> <p>Brightness and Contrast Adjustment</p> <p>User customization of display options</p> <p>Display of waveforms, breathing loops, pressure, flow, volume, etc.</p> <p>Display of trends in graphical and tabular form (at least 24 hours)</p> <p>Displayed options (among other things):</p> <p>Inspiratory oxygen concentration: compliance</p> <p>Inspiratory flow: compliance</p> <p>Airway pressure: compliance</p> <p>Breathing rate: matching</p> <p>Minute volume: compliance</p> <p>Tidal volume: compliance</p> <p>Positive end expiratory pressure (PEEP)</p> <p>Indications and messages on the equipment must be in Russian.</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Ventilator and respiratory system:</p> <p>Recirculation system for low-flow anesthesia.</p>	<ul style="list-style-type: none"> • Bidders must provide complete specifications of the compressor, whether integrated or stand-alone, including output flow and pressure, current consumption, noise level <p>Device suitable for low flow anesthesia, closed/semi-closed system.</p> <p>Mounted on four (4) antistatic castors at least two of the castors with brakes.</p> <p>With a surface/work table.</p> <p>With at least two (2) drawers.</p> <p>With a surface or shelf to place a vital signs monitor.</p> <p>Two (2) gas inlets: O₂ and Air</p> <p>Gas inlet connections compliant with DIN (according to the requirements of the destination country). With security systems to avoid errors in the gas connection.</p> <p>Gas inlet pressure gauges.</p> <p>Provided with a minimum of two (2) gas cylinder yokes for O₂ and Air. Connections compliant with DIN (according to the requirements of the destination country), gas hose and pressure regulators for O₂ and Air cylinders will be accepted.</p> <p>Flowmeters for O₂ and Air. Minimum range 0.1- 10 L/min. For O₂, resolution at least 0.05 L/min between 0.1-1.0L/min. Electronic flowmeters with the capacity to work with low flows will be accepted.</p> <p>Two (2) vaporizer slots, with an interlock system preventing the use of more than one vaporizer simultaneously.</p>
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	<p>Breathing system (Circular ventilation circuit) reusable, autoclavable.</p> <p>Tidal volume should not depend on the level of fresh gas flow.</p> <p>Ventilation modes: at least Volume Controlled, Pressure controlled, Synchronized intermittent mandatory ventilation (SIMV), Pressure support (PSV, PS)</p> <p>Switching between manual ventilation (MAN/BAG) and automatic ventilation (ventilator).</p> <p>Tidal volume delivered range at least: 20 – 1,500 mL.</p> <p>Ventilation rate range at least: 4 - 99 bpm.</p> <p>Adjustable I/E ratio or adjustable inspiration time.</p> <p>Inspiratory pause adjustable.</p> <p>Inspiratory pressure range at least: 3 – 60 cmH₂O.</p> <p>PEEP range at least: 0 – 25 cmH₂O</p> <p>Inspiratory flow: at least 0 to 120 L/ min.</p> <p>Airway Pressure Limiting Valve (APL) for manual ventilation, adjustable 0.5-70 cm H₂O column.</p> <p>Adjustable trigger 0.5-10 l/min</p> <p>Monitored and Displayed parameters, at least:</p> <p>Integrated gas analysis module: O₂, CO₂, Isoflurane, Sevoflurane, MAC calculation.</p> <p>Display of monitored gas parameters on the device screen.</p> <p>Respiratory rate</p>	<p>Safety system that prevents a hypoxic mixture, that guarantees a minimum concentration of 25%.</p> <p>With a passive scavenging system</p> <p>Self test</p> <p>It must allow emergency start without running the tests.</p> <p>Oxygen flush</p> <p>CO₂ absorber canister, reusable, volume of at least 1.2 liters.</p> <p>Built-in color display LCD, at least 12”.</p> <p>Encoder for adjusting parameters</p> <p>Brightness and Contrast Adjustment</p> <p>User customization of display options</p> <p>Display of waveforms, breathing loops, pressure, flow, volume, etc.</p> <p>Display of trends in graphical and tabular form</p> <p>Displayed options (among other things):</p> <p>Inspiratory oxygen concentration: compliance</p> <p>Inspiratory flow</p> <p>Airway pressure</p> <p>Breathing rate</p> <p>Minute volume</p> <p>Tidal volume</p>
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<p>Tidal volume (preferably inspired and expired)</p> <p>Minute volume</p> <p>Airway pressure.</p> <p>O₂ concentration</p> <p>End-tidal CO₂ (capnography)</p> <p>PEEP</p> <p>Plateau pressure</p> <p>Peak pressure</p> <p>Tree (3) waves vs time: pressure, volume, and flow</p> <p>Battery status.</p> <p>Alarm settings</p> <p>Audio and visual alarms for at least:</p> <p>High and low airway pressure.</p> <p>Tidal volume</p> <p>O₂ supply failure</p> <p>O₂ concentration</p> <p>Apnea.</p> <p>Respiratory rate</p> <p>Power failure</p>	<p>Positive end expiratory pressure (PEEP)</p> <p>Indications and messages on the equipment must be in Russian.</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Ventilator and respiratory system:</p> <p>Recirculation system for low-flow anesthesia.</p> <p>Breathing system (Circular ventilation circuit) reusable, autoclavable.</p> <p>Ventilation modes: at least Volume Controlled, Pressure controlled, Synchronized intermittent mandatory ventilation (SIMV), Pressure support (PSV, PS)</p> <p>Switching between manual ventilation (MAN/BAG) and automatic ventilation (ventilator).</p> <p>Tidal volume delivered range at least: 20 – 1,500 mL.</p> <p>Ventilation rate range at least: 5 - 90 bpm.</p> <p>Adjustable I/E ratio or adjustable inspiration time.</p> <p>Inspiratory pause adjustable.</p> <p>Inspiratory pressure range at least: 5 – 60 cmH₂O.</p> <p>PEEP range at least: Off, 3 – 25 cmH₂O</p> <p>Inspiratory flow: at least 0 to 120 L/ min.</p>
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	<p>Low battery</p> <p>System failures</p> <p>Accessories:</p> <p>Two (2) vaporizers, one for Sevoflurane and one for Isoflurane. With a visual indicator of the filling level of the anesthetic agent, and adapter for filling the vaporizer if required. Full compatibility of the vaporizer model offered with the anesthesia machine model offered. If a vaporizer from another manufacturer is offered, official confirmation from the respiratory and anesthesia device manufacturer of the full compatibility of the declared vaporizer must be provided.</p> <p>One (1) Air pressure regulator, compatible with the medical gas system of the health unit. At least 3 meters long</p> <p>One (1) O2 pressure regulator, compatible with the medical gas system of the health unit. At least 3 meters long</p> <p>Hoses for Air and O2 with their respective connections compatible with the gas inlet of the equipment and the supplied pressure regulators.</p> <p>Two hundred (200) complete consumable kits for the gas module.</p> <p>Twenty (20) Pediatric disposable breathing circuits complete (including reservoir bag)</p> <p>Two hundred (200) Adult disposable breathing circuits complete (including reservoir bag)</p> <p>One (1) Oxygen cell, if applicable.</p> <p>Three (3) Flow sensors, if applicable.</p> <p>One-piece transparent mask (included), for adults, children, 2 pieces of each size</p>	<p>Airway Pressure Limiting Valve (APL) for manual ventilation, adjustable APL: Off (Spont); from no more than 5 cm H2O to no less than 70 cm H2O.</p> <p>Adjustable flow trigger at least 0.5-10 l/min.</p> <p>Monitored and Displayed parameters, at least:</p> <p>Integrated gas analysis module: O2, CO2, Isoflurane, Sevoflurane, MAC calculation. Display of monitored gas parameters on the device screen.</p> <p>Respiratory rate</p> <p>Tidal volume (preferably inspired and expired)</p> <p>Minute volume</p> <p>Airway pressure.</p> <p>O2 concentration</p> <p>End-tidal CO₂ (capnography)</p> <p>PEEP</p> <p>Plateau pressure</p> <p>Peak pressure</p> <p>Tree (3) waves vs time: pressure, volume, and flow</p> <p>Battery status.</p> <p>Alarm settings</p>
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	<p>Breathing filters 100 pieces</p> <p>Soda lime, color-changing: 10kg</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal).In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Indications on the equipment in the language of the destination country (Uzbekistan) or at least in English as mandatory.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center)</p> <p>Legal address, contact phone numbers, Email, website (if any), full name of the head of the local technical service center</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p>	<p>Audio and visual alarms for at least:</p> <p>High and low airway pressure.</p> <p>Tidal volume</p> <p>O₂ supply failure</p> <p>O₂ concentration</p> <p>Apnea.</p> <p>Respiratory rate</p> <p>Power failure</p> <p>Low battery</p> <p>System failures</p> <p>Accessories:</p> <p>Two (2) vaporizers, one for Sevoflurane and one for Isoflurane. With a visual indicator of the filling level of the anesthetic agent, and adapter for filling the vaporizer if required. Full compatibility of the vaporizer model offered with the anesthesia machine model offered. If a vaporizer from another manufacturer is offered, official confirmation from the respiratory and anesthesia device manufacturer of the full compatibility of the declared vaporizer must be provided.</p> <p>One (1) Air pressure regulator, compatible with the medical gas system of the health unit.</p>
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	<p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p>	<p>One (1) O2 pressure regulator, compatible with the medical gas system of the health unit.</p> <p>High pressure hoses for Air and O2 with their respective connections compatible with the gas inlet of the equipment and the supplied pressure regulators.</p> <p>Two hundred (200) complete consumable kits for the gas module.</p> <p>Twenty (20) Pediatric disposable breathing circuits complete (including reservoir bag)</p> <p>Two hundred (200) Adult disposable breathing circuits complete (including reservoir bag)</p> <p>One (1) Oxygen cell, if applicable.</p> <p>Three (3) Flow sensors, if applicable.</p> <p>One-piece transparent mask (included), for adults, children, 2 pieces of each size</p> <p>Breathing filters 100 pieces</p> <p>Soda lime, color-changing: 10kg</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal).In Russian language.</p>
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	<p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-13 Medical electrical equipment — Part 2-13: Particular requirements for the safety and essential performance of anaesthetic systems</p>	<p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Indications on the equipment in the language of the destination country (Uzbekistan) or at least in English as mandatory.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center)</p> <p>Legal address, contact phone numbers, Email, website (if any), full name of the head of the local technical service center</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p>
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		<p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards,</p>
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		<p>providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-13 Medical electrical equipment — Part 2-13: Particular requirements for the safety and essential performance of anaesthetic systems</p>
Lot No. and Item	Original Product Description	Revised Product Description
Item No. 2 Obstetrical Table	Adjustable table designed to support a woman's body in an appropriate position during labor and delivery and in other examination/treatment procedures related to pregnancy. Electrohydraulic control.	Adjustable table designed to support a woman's body in an appropriate position during labor and delivery and in other examination/treatment procedures related to pregnancy. Electrohydraulic control. At least the following movements must be electro hydraulically operated: height adjustment, Trendelenburg positioning and backrest inclination.

	<p>Technical specifications:</p> <p>Operation: electrohydraulic.</p> <p>Availability of a built-in battery for operation during power outages</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Number of sections: at least 3 sections (backrest, seat and detachable footrest).</p> <p>Structure made of stainless steel, with anticorrosive finish in epoxy/electrostatic paint or higher quality.</p> <p>Removable or foldable side restraints on each side of table, made of Polypropylene or similar, stainless steel or steel with anticorrosive finish in epoxy/electrostatic paint, or higher quality</p> <p>Head and lower ends made of Polypropylene or similar, stainless steel with anticorrosive finish in epoxy/electrostatic paint, or higher quality. Lower end removable.</p> <p>Mattress: high-density polyurethane foam, in sections that match layout of table sections. Plastic cover, waterproof and washable with hospital-grade disinfection products.</p> <p>Seat section with gynecological perineal cut.</p> <p>Mounted on or four (4) antistatic wheels, with brakes on all of them, of at least 12.5 cm of diameter.</p> <p>Load weight capacity min.: 250 kg.</p>	<p>Technical specifications:</p> <p>Operation: electrohydraulic.</p> <p>Availability of a built-in battery for operation during power outages</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Number of sections: at least 3 sections (backrest, seat and detachable footrest).</p> <p>At least the following movements must be electro hydraulically operated: height adjustment, Trendelenburg positioning and backrest inclination.</p> <p>Structure made of stainless steel, with anticorrosive finish in epoxy/electrostatic paint or higher quality.</p> <p>Removable or foldable side restraints on each side of table, made of Polypropylene or similar, stainless steel or steel with anticorrosive finish in epoxy/electrostatic paint, or higher quality</p> <p>Head and lower ends made of Polypropylene or similar, stainless steel with anticorrosive finish in epoxy/electrostatic paint, or higher quality. Lower end optional.</p> <p>Mattress: high-density polyurethane foam, in sections that match layout of table sections. Plastic cover, waterproof and washable with hospital-grade disinfection products.</p>
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<p>Width: at least 80-90 cm</p> <p>Total Length: at least 200 cm</p> <p>All materials resistant to hospital-use disinfectants</p> <p>Movements:</p> <p>Adjustable height at least between 60 to 85 cm from floor level.</p> <p>Adjustable backrest up to 70°-80° for sitting birth.</p> <p>Trendelenburg positioning, at least 10°</p> <p>Anti-Trendelenburg positioning.</p> <p>Release mechanism to CPR position</p> <p>Accessories:</p> <p>Detachable footrest section.</p> <p>Two, footrests</p> <p>Two Heppel leg holders, removable or foldable, adjustable in all planes (height, width and vertical angulation), with straps.</p> <p>Two hand holders, adjustable on each side of the table.</p> <p>Removable stainless steel fluid bowl.</p> <p>Armrest: at least 0.4 m long, adjustable on each side of the table.</p> <p>Availability of stainless steel rails for mounting auxiliary equipment.</p>	<p>Seat section with gynecological perineal cut.</p> <p>Mounted on or four (4) antistatic wheels, with brakes on all of them, of at least 12.5 cm of diameter.</p> <p>Load weight capacity min.: 170 kg.</p> <p>Width: at least 60 cm</p> <p>Total Length: at least 175 cm</p> <p>All materials resistant to hospital-use disinfectants</p> <p>Movements:</p> <p>Adjustable height at least between 70 to 80 cm from floor level.</p> <p>Adjustable backrest up to 60° for sitting birth.</p> <p>Trendelenburg positioning, at least 10°</p> <p>Anti-Trendelenburg positioning.</p> <p>Release mechanism to CPR position</p> <p>Accessories:</p> <p>Detachable footrest section.</p> <p>Two, footrests</p> <p>Two Heppel leg holders, removable or foldable, adjustable in all planes (height, width and vertical angulation), with straps.</p>
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	<p>IV pole with at least two hanging hooks, adjustable on each side of the table.</p> <p>Availability of a control panel, with additional control on the side walls of the bed.</p> <p>Documentation requirement:</p> <p>Instructions for use and service manuals must be provided (including procedures for decontamination, required equipment and procedures for calibration and routine maintenance). In Russian language.</p> <p>Service manual must be provided (including installation instructions, preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center)</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p>	<p>Two hand holders, adjustable on each side of the table.</p> <p>Removable stainless steel fluid bowl.</p> <p>Armrest: at least 0.4 m long, adjustable on each side of the table.</p> <p>Availability of stainless steel rails for mounting auxiliary equipment.</p> <p>IV pole with at least two hanging hooks, adjustable on each side of the table.</p> <p>Availability of a control panel, with additional control on the side walls of the bed.</p> <p>Documentation requirement:</p> <p>Instructions for use and service manuals must be provided (including procedures for decontamination, required equipment and procedures for calibration and routine maintenance). In Russian language.</p> <p>Service manual must be provided (including installation instructions, preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical</p>
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	<p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconferences.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class I devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p>	<p>equipment (copy certified by the seal of the bidder and the local service center)</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconferences.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class I devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p>
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	<p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.</p> <p>IEC 60601-2-52:2009 Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds.</p>	<p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.</p> <p>IEC 60601-2-52:2009 Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds.</p>
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Lot No. and Item	Original Product Description	Revised Product Description

Item No. 3 Electrosurgical Unit	<p>Device that uses high frequency electrical energy in a radio-frequency (RF) band to develop heat directly within soft-tissue cells (thermodynamic) for cutting and coagulating tissue typically during general surgical procedures.</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Technical specifications:</p> <p>Application Monopolar and bipolar</p> <p>Modes: pure cut, blend, and coagulate (including spray coagulation mode).</p> <p>Automatic regulation of output power upon impedance changes.</p> <p>Power activation controlled by foot switch, and by handswitch at the handpiece.</p> <p>RF generator output at least 350 kHz.</p> <p>Output electrically isolated from ground.</p> <p>Visual and audible activation indicators.</p> <p>Visual and audible alarms.</p> <p>Patient plate/return electrode contact monitoring system.</p> <p>Power output blocking in case of active electrode or patient plate contact failure.</p>	<p>Device that uses high frequency electrical energy in a radio-frequency (RF) band to develop heat directly within soft-tissue cells (thermodynamic) for cutting and coagulating tissue typically during general surgical procedures.</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Technical specifications:</p> <p>Application Monopolar and bipolar</p> <p>Modes: pure cut, blend, and coagulate (including spray coagulation mode).</p> <p>Automatic regulation of output power upon impedance changes.</p> <p>Power activation controlled by foot switch, and by handswitch at the handpiece.</p> <p>RF generator output at least 350 kHz.</p> <p>Output electrically isolated from ground.</p> <p>Visual and audible activation indicators.</p> <p>Visual and audible alarms.</p>
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<p>Power control and mode select in the main panel.</p> <p>Display for power settings.</p> <p>Self-test.</p> <p>Minimum RF output power:</p> <p>Monopolar cut 300 W, +/- 15% or 5 W whichever is bigger, at 300 Ohms.</p> <p>Monopolar coag 120 W, +/- 15% or 5 W whichever is bigger, at 300 Ohms.</p> <p>Bipolar 80 W, +/- 15% or 5 W whichever is bigger, at 100 Ohms.</p> <p>All materials resistant to hospital-use disinfectants.</p> <p>Accessories:</p> <p>Foot switch for monopolar and bipolar modes, with connecting cable.</p> <p>Independent pedals will be accepted for monopolar output and bipolar output.</p> <p>Two reusable, sterilizable, monopolar patient plates with connecting cable</p> <p>One hundred (100) adult disposable split electrode plates.</p> <p>Two reusable connection cables for disposable split electrode plates.</p> <p>One hundred (100) disposable monopolar electrodes (pencils), finger switch controlled, with connecting cable.</p> <p>Two reusable, sterilizable, monopolar electrode handles, (pencils), finger switch controlled, with connecting cable.</p> <p>Two reusable, sterilizable, monopolar electrode handles, (pencils), foot switch controlled, with connecting cable.</p>	<p>Patient plate/return electrode contact monitoring system.</p> <p>Power output blocking in case of active electrode or patient plate contact failure.</p> <p>Power control and mode select in the main panel.</p> <p>Display for power settings.</p> <p>Self-test.</p> <p>Minimum RF output power:</p> <p>Monopolar cut 300 W, +/- 15% or 5 W whichever is bigger, at 300 Ohms.</p> <p>Monopolar coag 120 W, +/- 15% or 5 W whichever is bigger, at 300 Ohms.</p> <p>Bipolar 80 W, +/- 15% or 5 W whichever is bigger, at 100 Ohms.</p> <p>All materials resistant to hospital-use disinfectants.</p> <p>Accessories:</p> <p>Foot switch for monopolar and bipolar modes, with connecting cable.</p> <p>Independent pedals will be accepted for monopolar output and bipolar output.</p> <p>Two reusable, sterilizable, monopolar patient plates with connecting cable</p> <p>One hundred (100) adult disposable split electrode plates.</p> <p>Two reusable connection cables for disposable split electrode plates.</p>
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<p>Two sets of different monopolar reusable electrodes: blade, needle, ball, loop, and coagulation electrodes.</p> <p>Two bipolar forceps, reusable, foot switch controlled, with connecting cable.</p> <p>Ten disposable electrosurgical pencils, with selection of electrodes: blade, needle, ball, loop, and conization electrodes.</p> <p>Reusable adapters and cables for monopolar and bipolar handpieces.</p> <p>Trolley made of steel with anti-corrosive epoxy coating, aluminum, AISI 304 stainless steel or higher quality material. With 4 antistatic castors, 2 with brakes.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p>	<p>One hundred (100) disposable monopolar electrodes (pencils), finger switch controlled, with connecting cable.</p> <p>Two reusable, sterilizable, monopolar electrode handles, (pencils), finger switch controlled, with connecting cable.</p> <p>Two reusable, sterilizable, monopolar electrode handles, (pencils), foot switch controlled, with connecting cable.</p> <p>Two sets of different monopolar reusable electrodes: blade, needle, ball, loop, and coagulation electrodes.</p> <p>Two bipolar forceps, reusable, foot switch controlled, with connecting cable.</p> <p>Ten disposable electrosurgical pencils, with selection of electrodes: blade, needle, ball, loop, and conization electrodes.</p> <p>Reusable adapters and cables for monopolar and bipolar handpieces.</p> <p>Trolley made of steel with anti-corrosive epoxy coating, aluminum, AISI 304 stainless steel or higher quality material. With 4 antistatic castors, 2 with brakes.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p>
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<p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p>	<p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p>
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	<p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-2: Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories.</p>	<p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p>
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		IEC 60601-2-2: Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories.
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Lot No. and Item	Original Product Description	Revised Product Description
Item No. 4 Fetal Cardiac Monitor	<p>Fetal monitoring provides graphic and numeric information on fetal heart rate (FHR) and maternal uterine activity (UA) to help clinical personnel assess fetal well-being.</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Built-in rechargeable battery, allowing at least 1 hour of continuous operation.</p> <p>Technical specifications:</p>	<p>Fetal monitoring provides graphic and numeric information on fetal heart rate (FHR) and maternal uterine activity (UA) to help clinical personnel assess fetal well-being.</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>Built-in rechargeable battery, allowing at least 1 hour of continuous operation.</p> <p>Technical specifications:</p>

<p>Capable of monitoring fetal heart rate (FHR) and uterine contractions (UC).</p> <p>LCD or TFT screen of at least 7"</p> <p>Continuous monitoring of fetal heart rate (FHR) by ultrasonic pulsed doppler mode with autocorrelation.</p> <p>Dual Ultrasonic Heart Rate channels for Twins Monitoring (FHR1, FHR2). Two (2) FHR ultrasound transducers included.</p> <p>Fetal awakening stimulator.</p> <p>Display shows at least FHR1, FHR2, UCs and alarms.</p> <p>Automatic detection of transducers.</p> <p>Detection of heartbeat coincidence between both fetal channels and maternal heartbeat.</p> <p>Ultrasound frequency: 1 MHz +/- 10%.</p> <p>Intensity of the ultrasound not greater than 5 mW / cm².</p> <p>Monitoring of FHR in the range of at least 50-210 bpm, resolution 1 bpm, and accuracy of at least +/- 2 bpm.</p> <p>Uterine contractions measured in the range of 0-100 relative units, resolution of 1 unit. Toco-transducer waterproof included.</p> <p>Toco-transducer auto and manual zeroing.</p> <p>Remote switch for event marking. One (1) remote switch event marker with cable included.</p> <p>Automatic self-test.</p> <p>Integrated thermal printer with automatic and manual print-out modes</p>	<p>Capable of monitoring fetal heart rate (FHR) and uterine contractions (UC).</p> <p>LCD or TFT screen of at least 7"</p> <p>Continuous monitoring of fetal heart rate (FHR) by ultrasonic pulsed doppler mode with autocorrelation.</p> <p>Dual Ultrasonic Heart Rate channels for Twins Monitoring (FHR1, FHR2). Two (2) FHR ultrasound transducers included.</p> <p>Fetal awakening stimulator.</p> <p>Display shows at least FHR1, FHR2, UCs and alarms.</p> <p>Automatic detection of transducers.</p> <p>Detection of heartbeat coincidence between fetal channels.</p> <p>Ultrasound frequency: 1 MHz +/- 10%.</p> <p>Intensity of the ultrasound not greater than 5 mW / cm².</p> <p>Monitoring of FHR in the range of at least 50-210 bpm, resolution 1 bpm, and accuracy of at least +/- 2 bpm.</p> <p>Uterine contractions measured in the range of 0-100 relative units, resolution of 1 unit. Toco-transducer waterproof included.</p> <p>Toco-transducer auto and manual zeroing.</p> <p>Remote switch for event marking. One (1) remote switch event marker with cable included.</p> <p>Automatic self-test.</p>
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	<p>Print at least FHR1, FHR2, uterine contractions, fetal movement, and marked events</p> <p>Print speeds 1, 2 and 3 cm/min</p> <p>Fetal heart rate scale at least 50-210 bpm / min</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment in the language of the destination country (Uzbekistan) or at least in English as mandatory.</p> <p>Accessories:</p> <p>Two (2) adjustable belts for ultrasound and toco transducer</p> <p>At least five (5) pieces of thermal recording paper</p> <p>Ten (10) bottles of ultrasound gel, not less than 1 liter each, or the equivalent of 10 liters in total if the bottles were smaller</p> <p>NOTE: The bidder must include all the necessary accessories for the correct operation of the product, including all standard tools, cleaning and lubrication materials, even if they are not included in these required technical specifications.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p>	<p>Integrated thermal printer with automatic and manual print-out modes</p> <p>Print at least FHR1, FHR2, uterine contractions, fetal movement, and marked events</p> <p>Print speeds 1, 2 and 3 cm/min</p> <p>Fetal heart rate scale at least 50-210 bpm / min</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment in the language of the destination country (Uzbekistan) or at least in English as mandatory.</p> <p>Accessories:</p> <p>Two (2) adjustable belts for ultrasound and toco transducer</p> <p>At least five (5) pieces of thermal recording paper</p> <p>Ten (10) bottles of ultrasound gel, not less than 1 liter each, or the equivalent of 10 liters in total if the bottles were smaller</p> <p>NOTE: The bidder must include all the necessary accessories for the correct operation of the product, including all standard tools, cleaning and lubrication materials, even if they are not included in these required technical specifications.</p> <p>Documentation requirement:</p>
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	<p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p>	<p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p>
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	<p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p>	<p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p>
	<p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p>	<p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p>

	IEC 60601-2-37:2007+AMD1:2015 CSV Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment	<p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-37:2007+AMD1:2015 CSV Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment</p>
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Lot No. and Item	Original Product Description	Revised Product Description
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Item No. 5 Intensive Care Ventilator	<p>This device is designed for long -term controlled artificial ventilation of lungs in adults and children from 5 kg in stationary conditions.</p> <p>Equipment to be used in critical care areas, stationary, not suitable for transport</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connections are in accordance with the european standards.</p> <p>Built-in rechargeable battery for at least 120 minutes of autonomy. Switch back and forth between battery and mains operation in case of power failures.</p> <p>Technical specifications:</p> <p>Adult and paediatric patients.</p> <p>Mounted on a trolley with four (4) antistatic castors, at least two of the castors with brakes.</p> <p>Turbine technology for air supply. Turbine useful life not less than 40,000 hours</p> <p>Oxygen inlet connections compliant with DISS (according to the requirements of the destination country). With security systems to avoid errors in the gas connection.</p>	<p>This device is designed for long -term controlled artificial ventilation of lungs in adults and children from 5 kg in stationary conditions.</p> <p>Equipment to be used in critical care areas, stationary, not suitable for transport</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connections are in accordance with the european standards.</p> <p>Built-in rechargeable battery for at least 120 minutes of autonomy. Switch back and forth between battery and mains operation in case of power failures.</p> <p>Technical specifications:</p> <p>Adult and paediatric patients.</p> <p>Mounted on a trolley with four (4) antistatic castors, at least two of the castors with brakes.</p> <p>Turbine technology for air supply. Turbine useful life not less than 40,000 hours</p>
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	<p>Oxygen connection in the range of 2-6 atm, operation from low pressure oxygen is also required (concentrator/low pressure flow) 0-20 l/min</p> <p>Display LCD, at least 12", touch screen technology</p> <p>Controlling device functions through mechanical quick access buttons on the monitor</p> <p>Rotary switch with confirmation function</p> <p>Automatic compliance and leakage compensation for circuits and tubes.</p> <p>Expiratory valve or expiratory block autoclavable</p> <p>Flow sensor removable and autoclavable</p> <p>Self-test</p> <p>Leak test</p> <p>Drugs nebulizer, on the inhalation line, with automatic control of inhalation volume</p> <p>Preoxygenation function for sanitation and procedures for at least 2 minutes at 100% oxygen</p> <p>PEEP range at least: 0 – 35 cmH₂O</p> <p>Ventilation rate up to 150 bpm at least</p> <p>Tidal volume range at least: 5 – 2000 mL.</p> <p>Adjustable I/E ratio or adjustable inspiration time.</p> <p>Pressure Support: at least 0 - 60 cmH₂O</p> <p>Inspiratory pressure: at least 1 to 80 cm H₂O.</p>	<p>Oxygen inlet connections compliant with DIN (according to the requirements of the destination country). With security systems to avoid errors in the gas connection.</p> <p>Oxygen connection in the range of 2.8 - 6 bar, operation from low pressure oxygen is also required (concentrator/low pressure flow) 0-20 l/min.</p> <p>Display LCD, at least 10", touch screen technology</p> <p>Controlling device functions through mechanical quick access buttons on the monitor</p> <p>Rotary switch with confirmation function</p> <p>Automatic compliance and leakage compensation for circuits and tubes.</p> <p>Expiratory valve or expiratory block autoclavable</p> <p>Flow sensor removable and autoclavable</p> <p>Self-test</p> <p>Leak test</p> <p>Drugs nebulizer, on the inhalation line, with automatic control of inhalation volume</p> <p>Preoxygenation function for sanitation and procedures for at least 2 minutes at 100% oxygen</p> <p>PEEP range at least: 0 – 35 cmH₂O</p> <p>Ventilation rate up to 120 bpm at least</p>
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<p>Inspiratory flow: at least 2 - 200 l/min</p> <p>Inspiration time in the range of at least 0.2 -5 seconds</p> <p>FiO₂ adjustable: 21 - 100%.</p> <p>Adjustable trigger, in the range of 1-15 l/min</p> <p>Inspiration rise time adjustable</p> <p>Mainstream capnometry</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment in Russian and in English as mandatory.</p> <p>Ventilation modes:</p> <p>Assist Control mode.</p> <p>Pressure Controlled Ventilation (PCV)</p> <p>Volume Controlled Ventilation (VCV).</p> <p>Pressure-Regulated Volume Control (PRVC).</p> <p>Synchronised Intermittent Mandatory Ventilation, volume-controlled breaths (SIMV- VC), and pressure support.</p> <p>Synchronised Intermittent Mandatory Ventilation, pressure-controlled breaths (SIMV- PC) and pressure support.</p> <p>Continuous Positive Airway Pressure mode (CPAP) and pressure support.</p> <p>Apnea-backup ventilation mode.</p>	<p>Tidal volume range at least: 20 – 2000 mL.</p> <p>Adjustable I/E ratio or adjustable inspiration time.</p> <p>Pressure Support: at least 0 - 60 cmH₂O</p> <p>Inspiratory pressure: at least 1 to 80 cm H₂O.</p> <p>Inspiratory flow: at least 2 - 180 l/min</p> <p>Inspiration time in the range of at least 0.2 -5 seconds</p> <p>FiO₂ adjustable: 21 - 100%.</p> <p>Adjustable trigger, in the range of 1-15 l/min</p> <p>Inspiration rise time adjustable</p> <p>Mainstream capnometry</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment in Russian and in English as mandatory.</p> <p>Ventilation modes:</p> <p>Assist Control mode.</p> <p>Pressure Controlled Ventilation (PCV)</p> <p>Volume Controlled Ventilation (VCV).</p> <p>Pressure-Regulated Volume Control (PRVC).</p>
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	<p>CPAP</p> <p>Biphasic positive airway pressure mode (BiLevel Airway Pressure Ventilation, BiPAP, DuoPAP)</p> <p>Pressure Support Ventilation (PSV).</p> <p>Non-invasive ventilation (NIV)</p> <p>Monitored and Displayed parameters, at least:</p> <p>Respiratory rate</p> <p>Inspired and expired tidal volume</p> <p>Spontaneous tidal volume</p> <p>Minute volume (spontaneous and mechanical)</p> <p>I:E ratio</p> <p>Inspiratory and expiratory times.</p> <p>Airway pressure, peak and mean.</p> <p>Respiratory rate (spontaneous and mechanical)</p> <p>FiO₂</p> <p>PEEP</p> <p>Plateau pressure</p> <p>Peak pressure</p> <p>Intrinsic PEEP</p>	<p>Synchronised Intermittent Mandatory Ventilation, volume-controlled breaths (SIMV- VC), and pressure support.</p> <p>Synchronised Intermittent Mandatory Ventilation, pressure-controlled breaths (SIMV- PC) and pressure support.</p> <p>Continuous Positive Airway Pressure mode (CPAP) and pressure support.</p> <p>Apnea-backup ventilation mode.</p> <p>Biphasic positive airway pressure mode (BiLevel Airway Pressure Ventilation, BiPAP, DuoPAP)</p> <p>Pressure Support Ventilation (PSV).</p> <p>Non-invasive ventilation (NIV)</p> <p>Monitored and Displayed parameters, at least:</p> <p>Respiratory rate</p> <p>Inspired and expired tidal volume</p> <p>Spontaneous tidal volume</p> <p>Minute volume (spontaneous and mechanical)</p> <p>I:E ratio</p> <p>Inspiratory and expiratory times.</p> <p>Airway pressure, peak and mean.</p> <p>Respiratory rate (spontaneous and mechanical)</p>
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	<p>End tidal CO₂</p> <p>Three (3) waves vs time: pressure, volume, and flow</p> <p>Pressure-Volume, Flow-Volume and Pressure-Flow loops.</p> <p>Battery status.</p> <p>Alarm settings</p> <p>Calculation of breathing mechanics, compliance and resistance</p> <p>Audio and visual alarms for at least:</p> <p>High and low airway pressure.</p> <p>Tidal volume</p> <p>Minute Volume</p> <p>FiO₂</p> <p>Apnea</p> <p>Respiratory rate</p> <p>Patient disconnection</p> <p>Gas supply failure</p> <p>Power failure</p> <p>Low battery</p> <p>System failures</p>	<p>FiO₂</p> <p>PEEP</p> <p>Plateau pressure</p> <p>Peak pressure</p> <p>Intrinsic PEEP</p> <p>End tidal CO₂</p> <p>Three (3) waves vs time: pressure, volume, and flow</p> <p>Pressure-Volume, Flow-Volume and Pressure-Flow loops.</p> <p>Battery status.</p> <p>Alarm settings</p> <p>Calculation of breathing mechanics, compliance and resistance</p> <p>Audio and visual alarms for at least:</p> <p>High and low airway pressure.</p> <p>Tidal volume</p> <p>Minute Volume</p> <p>FiO₂</p> <p>Apnea</p> <p>Respiratory rate</p>
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	<p>Accessories:</p> <p>Servo-controlled humidifier suitable for invasive and non-invasive ventilation modes, with reusable water reservoir, temperature sensor, heater cable and holder to attach to the ventilator (If it is a different brand than the ventilator, it must be compatible with the equipment offered).</p> <p>Three (3) additional reusable reservoirs for the humidifier.</p> <p>Support arm for patient-circuit, adjustable.</p> <p>One (1) O2 pressure regulator, compatible with the medical gas system of the health unit.</p> <p>Hose for O2 with their respective connections compatible with the gas inlet of the equipment and the supplied pressure regulators.</p> <p>One (1) expiratory valve or expiratory block autoclavable, in addition to that included in the device.</p> <p>One (1) test lung, adult/paediatric.</p> <p>Thirty (30) Paediatric disposable patient circuits complete</p> <p>Forty (40) Adult disposable patient circuits complete</p> <p>Three (3) Housings for mainstream capnography sensor, reusables. In the case of disposable Housings, deliver at least 20 units</p> <p>One (1) Oxygen cell, if applicable, in addition to that included in the device.</p> <p>Two (2) reusable flow sensors, if applicable, in addition to that included in the device. In the case of disposable flow sensors, deliver at least 20 units</p>	<p>Patient disconnection</p> <p>Gas supply failure</p> <p>Power failure</p> <p>Low battery</p> <p>System failures</p> <p>Accessories:</p> <p>Servo-controlled humidifier suitable for invasive and non-invasive ventilation modes, with reusable water reservoir, temperature sensor, heater cable and holder to attach to the ventilator (If it is a different brand than the ventilator, it must be compatible with the equipment offered).</p> <p>Three (3) additional reusable reservoirs for the humidifier.</p> <p>Support arm for patient-circuit, adjustable.</p> <p>One (1) O2 pressure regulator, compatible with the medical gas system of the health unit.</p> <p>Hose for O2 with their respective connections compatible with the gas inlet of the equipment and the supplied pressure regulators.</p> <p>One (1) expiratory valve or expiratory block autoclavable, in addition to that included in the device.</p> <p>One (1) test lung, adult/paediatric.</p> <p>Thirty (30) Paediatric disposable patient circuits complete</p>
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	<p>Antibacterial filter: 200 pcs.</p> <p>Nebulizer sets: 10 units</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p>	<p>Forty (40) Adult disposable patient circuits complete</p> <p>Three (3) Housings for mainstream capnography sensor, reusables. In the case of disposable Housings, deliver at least 20 units</p> <p>One (1) Oxygen cell, if applicable, in addition to that included in the device.</p> <p>Two (2) reusable flow sensors, if applicable, in addition to that included in the device. In the case of disposable flow sensors, deliver at least 20 units</p> <p>Antibacterial filter: 200 pcs.</p> <p>Nebulizer sets: 10 units</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical</p>
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	<p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p>	<p>equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p>
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	<p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-12:2001 Medical electrical equipment - Part 2-12: Particular requirements for the safety of lung ventilators - Critical care ventilators</p>	<p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-12:2001 Medical electrical equipment - Part 2-12: Particular requirements for the safety of lung ventilators - Critical care ventilators</p>
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Lot No. and Item	Original Product Description	Revised Product Description
Item No. 6 Operating Light	<p>A device designed to provide a specialized source of light for illumination of a site of medical intervention. Single-dome operating ceiling lamp, LED technology</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>Rechargeable batteries or on-line UPS with:</p> <p>autonomy of at least 90 minutes of continuous use at maximum power.</p> <p>automatic passage from line alimentation to battery operating modes.</p> <p>All electrical connections according to the european standards.</p> <p>Technical specifications:</p> <p>Ceiling mounting system, with articulating arm.</p> <p>LED technology. The number of LEDs must be at least 50</p> <p>Minimum light life: 50,000 hrs.</p> <p>Illumination level, at 1m distance, at least 120,000 lux. Without shadows.</p> <p>Color temperature between 4,000 and 5,000 K.</p>	<p>A device designed to provide a specialized source of light for illumination of a site of medical intervention. Single-dome operating ceiling lamp, LED technology</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>Rechargeable batteries or on-line UPS with:</p> <p>autonomy of at least 90 minutes of continuous use at maximum power.</p> <p>automatic passage from line alimentation to battery operating modes.</p> <p>All electrical connections according to the european standards.</p> <p>Technical specifications:</p> <p>Ceiling mounting system, with articulating arm.</p> <p>LED technology.</p> <p>Minimum light life: 50,000 hrs.</p> <p>Illumination level, at 1m distance, at least 120,000 lux. Without shadows.</p>

	<p>Color Rendering index of the illumination at least 92%.</p> <p>Adjustable light spot 20-30 cm (at 1 meter distance from the light source).</p> <p>Field depth at least:100 - 120 cm</p> <p>Temperature increase at the level of the surgeon's head: no more than 2 ° C</p> <p>Heat to light ratio $\leq 6 \text{ mW/m}^2 \cdot \text{lx}$.</p> <p>Control panel located on the lamp, with on/off control and light intensity adjustment.</p> <p>Intensity adjustment: at least 3 levels.</p> <p>All materials resistant to hospital-use disinfectants.</p> <p>Movements:</p> <p>Lamp head turning angle (inclination) at least 180°</p> <p>Horizontal degree of freedom on all axles 360°.</p> <p>Arm vertical adjustment range at least 0.75 m</p> <p>Operating conditions:</p> <p>Ambient temperature: 10°C - 40°C</p> <p>Relative humidity: 30% – 75 % RH</p>	<p>Color temperature between 4,000 and 5,000 K.</p> <p>Color Rendering index of the illumination at least 92%.</p> <p>Adjustable light spot at least until 20 cm (at 1 meter distance from the light source).</p> <p>Field depth at least:100 - 120 cm</p> <p>Temperature increase at the level of the surgeon's head: no more than 2 ° C</p> <p>Heat to light ratio $\leq 6 \text{ mW/m}^2 \cdot \text{lx}$.</p> <p>Control panel located on the lamp, with on/off control and light intensity adjustment.</p> <p>Intensity adjustment: at least 3 levels.</p> <p>All materials resistant to hospital-use disinfectants.</p> <p>Movements:</p> <p>Lamp head turning angle (inclination) at least 180°</p> <p>Horizontal degree of freedom on all axles 360°.</p> <p>Arm vertical adjustment range at least 0.75 m</p> <p>Operating conditions:</p> <p>Ambient temperature: 10°C - 40°C</p> <p>Relative humidity: 30% – 75 % RH</p>
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	<p>Accessories:</p> <p>All elements necessary to anchoring and fixing the system on the ceiling</p> <p>Four (4) removable and autoclave sterilizable handler</p> <p>Installation:</p> <p>The supplier will carry out equipment installation, and safety and operational checks prior to delivery, leaving the equipment operating according to the manufacturer's specifications. The cost of installation should be included in the offer.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including installation instructions, preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center)</p>	<p>Accessories:</p> <p>All elements necessary to anchoring and fixing the system on the ceiling</p> <p>Four (4) removable and autoclave sterilizable handler</p> <p>Installation:</p> <p>The supplier will carry out equipment installation, and safety and operational checks prior to delivery, leaving the equipment operating according to the manufacturer's specifications. The cost of installation should be included in the offer.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including installation instructions, preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical</p>
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	<p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider. .</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 1 hour.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class I devices, or</p>	<p>equipment (copy certified by the seal of the bidder and the local service center)</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider. .</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 1 hour.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p>
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	<p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485 Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2 Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-41 Medical Electrical Equipment, Part 2-41: Particular Requirements for the Safety of Surgical Luminaires and Luminaires for Diagnosis.</p>	<p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class I devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485 Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1 Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2 Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-41 Medical Electrical Equipment, Part 2-41: Particular Requirements for the Safety of Surgical Luminaires and Luminaires for Diagnosis.</p>
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Lot No. and Item	Original Product Description	Revised Product Description
Item No. 7 Operating Table	<p>A mobile, electrohydraulic table designed to be adjusted to support a patient during many types of surgical interventions. Electrohydraulic control.</p> <p>Technical specifications:</p> <p>At least 4 articulated sections: head, back, pelvis and 2 separate legs sections.</p> <p>Operation: electrohydraulic.</p> <p>Availability of a built-in battery with a capacity of up to 300 movements</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>All structure, sliders/fixtures rail for accessories, and accessories, made of stainless steel grade 304.</p> <p>Mounted on or four (4) antistatic wheels, with central brake.</p> <p>Lateral accessory rails of stainless steel, grade 304.</p> <p>All sections with mattress detachable. Cover anti-static, waterproof and washable with hospital-grade disinfection products.</p>	<p>A mobile, electrohydraulic table designed to be adjusted to support a patient during many types of surgical interventions. Electrohydraulic control. At least the following movements must be electro hydraulically operated: height adjustment, Trendelenburg positioning and backrest inclination.</p> <p>Technical specifications:</p> <p>At least 4 articulated sections: head, back, pelvis and 2 separate legs sections.</p> <p>Operation: electrohydraulic.</p> <p>At least the following movements must be electro hydraulically operated: height adjustment, Trendelenburg positioning and backrest inclination.</p> <p>Availability of a built-in battery with a capacity of up to 300 movements</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards</p> <p>All structure, sliders/fixtures rail for accessories, and accessories, made of stainless steel grade 304.</p>

	<p>Load weight capacity: at least 220 kg.</p> <p>Width: at least 50 cm</p> <p>Length: at least 200 cm</p> <p>All materials resistant to hospital-use disinfectants</p> <p>Movements:</p> <p>Height movement range: at least 80 to 120 cm from the floor level. Pedal-operated.</p> <p>Trendelenburg at least 25°</p> <p>Reverse trendelenburg at least 25°</p> <p>Right and left lateral tilt range: at least 20°</p> <p>Adjustable backrest at least 70°</p> <p>Leg area removable, consists of 2 independent sections, each adjustable to up/down at least +15/-90°, and left/right.</p> <p>Head area removable, with adjustable angle.</p> <p>Stainless steel rail on both sides for attaching auxiliary equipment and accessories</p> <p>Accessories:</p>	<p>Mounted on or four (4) antistatic wheels, with central brake.</p> <p>Lateral accessory rails of stainless steel, grade 304.</p> <p>All sections with mattress detachable. Cover anti-static, waterproof and washable with hospital-grade disinfection products.</p> <p>Load weight capacity: at least 220 kg.</p> <p>Width: at least 50 cm</p> <p>Length: at least 200 cm</p> <p>All materials resistant to hospital-use disinfectants</p> <p>Movements:</p> <p>Height movement range: at least 80 to 120 cm from the floor until the top of the mattress. Pedal or panel control operated.</p> <p>Trendelenburg at least 20°</p> <p>Reverse trendelenburg at least 15°</p> <p>Right and left lateral tilt range: at least 18°</p> <p>Adjustable backrest at least 70°</p> <p>Leg area removable, consists of 2 independent sections, each adjustable to up/down at least +15/-90°, and left/right.</p> <p>Head area removable, with adjustable angle.</p> <p>Stainless steel rail on both sides for attaching auxiliary equipment and accessories</p>
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	<p>Two (2) armrests, at least 0.4 m long, with fixation clamps and fixation strap. Adjustable height and horizontal angle. Attachable to each side of the table.</p> <p>Two (2) Heppel supports, lithotomy crutch, with fixation clamps and fixation strap. Adjustable tilt and rotation.</p> <p>Two (2) lateral supports, with fixation clamps, height adjustable.</p> <p>One (1) anesthesia screen arc, with fixation clamp, attachable to each side of the table.</p> <p>Two (2) spare fixation clamps.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Indications on the equipment in the Russian language or at least in English as mandatory.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p>	<p>Accessories:</p> <p>Two (2) armrests, at least 0.4 m long, with fixation clamps and fixation strap. Adjustable height and horizontal angle. Attachable to each side of the table.</p> <p>Two (2) Heppel supports, lithotomy crutch, with fixation clamps and fixation strap. Adjustable tilt and rotation.</p> <p>Two (2) lateral supports, with fixation clamps, height adjustable.</p> <p>One (1) anesthesia screen arc, with fixation clamp, attachable to each side of the table.</p> <p>Two (2) spare fixation clamps.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Indications on the equipment in the Russian language or at least in English as mandatory.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p>
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	<p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p>	<p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p> <p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p>
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	<p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class I devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.</p> <p>IEC 60601-2-46 Medical Electrical Equipment - Part 2-46: Particular Requirements for the Basic Safety And Essential Performance Of Operating Table</p>	<p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class I devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests.</p>
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		IEC 60601-2-46 Medical Electrical Equipment - Part 2-46: Particular Requirements for the Basic Safety And Essential Performance Of Operating Table
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Lot No. and Item	Original Product Description	Revised Product Description
Item No. 8 Patient Monitor	<p>Used to measure basic physiologic parameters and track the status of patients.</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards (Cable at least 2 meters long)</p> <p>Built-in rechargeable battery, allowing at least 2 hours of continuous operation.</p> <p>Technical specifications:</p>	<p>Used to measure basic physiologic parameters and track the status of patients.</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connection according with the european standards (Cable at least 2 meters long)</p> <p>Built-in rechargeable battery, allowing at least 2 hours of continuous operation.</p> <p>Technical specifications:</p>

<p>For use in adult, pediatric and neonatal patients.</p> <p>Automatic setting of alarm limits and cuff pressure limit for each type of patient.</p> <p>Monitoring at least: ECG and Heart Rate (HR), Respiratory Rate (RR), Oxygen Saturation (SpO₂), non-invasive blood pressure, and Temperature.</p> <p>LCD TFT display, 1280*800 resolution, possibly touchscreen, at least 12".</p> <p>Display of at least 4 waveforms and numeric parameters simultaneously.</p> <p>Configurable display.</p> <p>Defibrillator shock protection.</p> <p>Trend storage of at least 120 hours.</p> <p>Availability of a USB port for installing program updates and for recording parameters</p> <p>Availability of a built-in thermal printer</p> <p>ECG:</p> <p>At least 5-leads: I, II, III, aVR, aVL, aVF, V.</p> <p>ECG main cable (if applicable) and two (2) sets of patient cable terminals (1 neonatal/pediatric, 1 adult if applicable), included.</p> <p>Simultaneously display a minimum of 2 ECG traces, and HR value.</p> <p>Heart rate measurement range. Adult: at least 15 – 300 bpm, Pediatric and neonatal: at least 30 – 300 bpm. Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater.</p> <p>Signal amplification 5-10-20-40mm/mV</p>	<p>For use in adult, pediatric and neonatal patients.</p> <p>Automatic setting of alarm limits and cuff pressure limit for each type of patient.</p> <p>Monitoring at least: ECG and Heart Rate (HR), Respiratory Rate (RR), Oxygen Saturation (SpO₂), non-invasive blood pressure, and Temperature.</p> <p>LCD TFT display, 1280*800 resolution, possibly touchscreen, at least 12".</p> <p>Display of at least 4 waveforms and numeric parameters simultaneously.</p> <p>Configurable display.</p> <p>Defibrillator shock protection.</p> <p>Trend storage of at least 120 hours.</p> <p>Availability of a USB port for installing program updates and for recording parameters</p> <p>Availability of a built-in thermal printer</p> <p>ECG:</p> <p>At least 5-leads: I, II, III, aVR, aVL, aVF, V.</p> <p>ECG main cable (if applicable) and two (2) sets of patient cable terminals (1 neonatal/pediatric, 1 adult if applicable), included.</p> <p>Simultaneously display a minimum of 2 ECG traces, and HR value.</p> <p>Heart rate measurement range. Adult: at least 15 – 300 bpm, Pediatric and neonatal: at least 30 – 300 bpm. Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater.</p> <p>Signal amplification 5-10-20-40mm/mV</p>
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	<p>S-T segment and arrhythmia analysis.</p> <p>Pacemaker detection.</p> <p>Lead off condition detected and displayed</p> <p>Adjustable sweep speed</p> <p>Respiration.</p> <p>Technique: transthoracic impedance</p> <p>Measurement range: at least 6 – 120 rpm; 5-150 for neonatal. Resolution: 1 rpm</p> <p>Display of waveform, and RR value.</p> <p>Adjustable sweep speed</p> <p>Non invasive blood pressure</p> <p>Technique: oscillometric</p> <p>Three (3) reusable blood pressure cuffs (1 neonatal, 1 pediatric, 1 adult) with hoses included.</p> <p>Manual and automatic measurement, with configurable intervals.</p> <p>Display diastolic, systolic and average pressure.</p> <p>Measurement range.</p> <p>Adults. Systolic: at least 40 – 250 mmHg , Diastolic: at least 10 – 210 mmHg. Maximum mean error: ± 5 mmHg</p>	<p>S-T segment and arrhythmia analysis.</p> <p>Pacemaker detection.</p> <p>Lead off condition detected and displayed</p> <p>Adjustable sweep speed</p> <p>Respiration.</p> <p>Technique: transthoracic impedance</p> <p>Measurement range: at least 6 – 120 rpm; 5-150 for neonatal. Resolution: 1 rpm</p> <p>Display of waveform, and RR value.</p> <p>Adjustable sweep speed</p> <p>Non invasive blood pressure</p> <p>Technique: oscillometric</p> <p>Three (3) reusable blood pressure cuffs (1 neonatal, 1 pediatric, 1 adult) with hoses included.</p> <p>Manual and automatic measurement, with configurable intervals.</p> <p>Display diastolic, systolic and average pressure.</p> <p>Measurement range.</p> <p>Adults. Systolic: at least 40 – 250 mmHg , Diastolic: at least 10 – 210 mmHg. Maximum mean error: ± 5 mmHg</p>
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	<p>Pediatric. Systolic: at least 30 – 180 mmHg , Diastolic: at least 10 – 150 mmHg. Maximum mean error: ± 5 mmHg</p> <p>Neonatal. Systolic: at least 30 – 130 mmHg, Diastolic: at least 10 – 100 mmHg. Maximum mean error: ± 5 mmHg</p> <p>Pulse oximetry</p> <p>MASSIMO/NELLCOR technology</p> <p>Measurement range: 0 – 100%. Resolution: 1%, SpO₂. Accuracy at least $\pm 3\%$ within the range 70 – 100%</p> <p>Pulse rate: 30 – 250 bpm, resolution: 1 bpm, accuracy: 2% or 2 bpm, whichever is greater.</p> <p>Display of percentage of oxygen saturation, plethysmography curve and heart rate.</p> <p>Main cable of SpO₂, if applicable, included.</p> <p>Three (3) SpO₂ sensors, reusable clip-on type, adult pediatric and neonatal sizes, included.</p> <p>Temperature:</p> <p>Cutaneous / abdominal.</p> <p>Two temperature measurement channels: T1, T2, ΔT</p> <p>Measurement range: at least 0 - 45°C. Accuracy: $\pm 0.1^\circ$ C. Resolution: 0.1°C</p>	<p>Pediatric. Systolic: at least 30 – 180 mmHg , Diastolic: at least 10 – 150 mmHg. Maximum mean error: ± 5 mmHg</p> <p>Neonatal. Systolic: at least 30 – 130 mmHg, Diastolic: at least 10 – 100 mmHg. Maximum mean error: ± 5 mmHg</p> <p>Pulse oximetry</p> <p>MASSIMO/NELLCOR technology. Different brands of monitors use Masimo and Nellcor SpO₂ technology, it is not a restrictive requirement.</p> <p>Measurement range: 0 – 100%. Resolution: 1%, SpO₂. Accuracy at least $\pm 3\%$ within the range 70 – 100%</p> <p>Pulse rate: 30 – 250 bpm, resolution: 1 bpm, accuracy: at least 3 bpm.</p> <p>Display of percentage of oxygen saturation, plethysmography curve and heart rate.</p> <p>Main cable of SpO₂, if applicable, included.</p> <p>Three (3) SpO₂ sensors, reusable clip-on type, adult pediatric and neonatal sizes, included.</p> <p>Temperature:</p> <p>Cutaneous / abdominal.</p> <p>Two temperature measurement channels: T1, T2, ΔT</p> <p>Measurement range: at least 0 - 45°C. Accuracy: $\pm 0.1^\circ$ C. Resolution: 0.1°C</p>
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	<p>Four (4) skin and esophageal temperature probes, reusable, 1 of each adult and 1 of each pediatric included.</p> <p>Alarms:</p> <p>Audio-visual alarms for all monitored parameters</p> <p>Adjustable high and low alarm limits for all monitored parameters.</p> <p>Temporary silence functions.</p> <p>Leads-off or sensor disconnect.</p> <p>Apnoea alarm.</p> <p>AC status and low battery</p> <p>Automatic self-test.</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment must be in Russian language.</p> <p>Accessories:</p> <p>Reusable cuff for adults sizes M, L, XL; newborns - disposable: 20 units of each size.</p> <p>One (1) host for NIBP, in addition to that provided with the device</p> <p>ECG main cable (if applicable), in addition to that provided with the device.</p> <p>Two hundred (200) self-adhesive ECG electrodes</p>	<p>Four (4) skin and esophageal temperature probes, reusable, 1 of each adult and 1 of each pediatric included.</p> <p>Alarms:</p> <p>Audio-visual alarms for all monitored parameters</p> <p>Adjustable high and low alarm limits for all monitored parameters.</p> <p>Temporary silence functions.</p> <p>Leads-off or sensor disconnect.</p> <p>Apnoea alarm.</p> <p>AC status and low battery</p> <p>Automatic self-test.</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment must be in Russian language.</p> <p>Accessories:</p> <p>Reusable cuff for adults sizes M, L, XL; newborns - disposable: 20 units of each size.</p> <p>One (1) host for NIBP, in addition to that provided with the device</p> <p>ECG main cable (if applicable), in addition to that provided with the device.</p> <p>Two hundred (200) self-adhesive ECG electrodes</p>
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<p>Two (2) sets of ECG patient cable terminals (1 neonatal/pediatric, 1 adult if applicable), in addition to that provided with the device.</p> <p>One (1) skin temperature sensor, reusable, adult size, in addition to that provided with the device.</p> <p>One (1) Main cable of SpO2 (if applicable) in addition to that provided with the device.</p> <p>At least three (3) SpO2 sensors adult size, reusable clip-on type, in addition to that provided with the device.</p> <p>At least two (2) SpO2 sensors, pediatric size, reusable clip-on type, in addition to that provided with the device.</p> <p>Two (2) SpO2 sensors, neonatal size (for children weighing from 1-5kg), reusable clip-on type, in addition to that provided with the device.</p> <p>Twenty (20) SpO2 sensor, single-use, wrap-around type</p> <p>NOTE: Bidder must include all accessories necessary for the product to function properly, even if they are not included in these required specifications.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p>	<p>Two (2) sets of ECG patient cable terminals (1 neonatal/pediatric, 1 adult if applicable), in addition to that provided with the device.</p> <p>One (1) skin temperature sensor, reusable, adult size, in addition to that provided with the device.</p> <p>One (1) Main cable of SpO2 (if applicable) in addition to that provided with the device.</p> <p>At least three (3) SpO2 sensors adult size, reusable clip-on type, in addition to that provided with the device.</p> <p>At least two (2) SpO2 sensors, pediatric size, reusable clip-on type, in addition to that provided with the device.</p> <p>Two (2) SpO2 sensors, neonatal size (for children weighing from 1-5kg), reusable clip-on type, in addition to that provided with the device.</p> <p>Twenty (20) SpO2 sensor, single-use, wrap-around type</p> <p>NOTE: Bidder must include all accessories necessary for the product to function properly, even if they are not included in these required specifications.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p>
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	<p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p>	<p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p> <p>List of common spares and accessories with part numbers must be provided.</p> <p>Manufacturer authorization.</p> <p>Free sale certificate of origin country if other than Uzbekistan.</p> <p>Other requirements:</p> <p>All standard accessories, consumables and parts required to operate the equipment, including all standard tools, cleaning and lubrication materials must be included.</p> <p>A minimum of two years of in-country after-sale services by an authorized local service provider.</p>
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	<p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p>	<p>Must include training on use, cleaning, disinfecting and basic maintenance on-site or in teleconference for at least 2 hours.</p> <p>Regulatory approvals required:</p> <p>National Regulatory Agency/Authority (NRA) requirements compliance, if applicable.</p> <p>And at least one of the following regulatory approvals and certificates:</p> <p>European Certificate of Conformity (CE) with directive 93/42 EC or regulation 2017/745 (with indication of Notifying Body) for Class IIb devices, or</p> <p>FDA (Food and Drug Administration) of the USA that certifies marketing permission in the United States, or</p> <p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p>
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	<p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-49: Medical Electrical Equipment - Part 2-49: Particular Requirements For The Basic Safety And Essential Performance Of Multifunction Patient Monitoring Equipment</p>	<p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>IEC 60601-2-49: Medical Electrical Equipment - Part 2-49: Particular Requirements For The Basic Safety And Essential Performance Of Multifunction Patient Monitoring Equipment</p>
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Lot No. and Item	Original Product Description	Revised Product Description
Item No. 9 Vacuum Extractor	<p>Electrically powered vacuum extractor system to assist vaginal deliveries in a delivery room setting</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connections according to the European standards.</p> <p>Technical specifications:</p> <p>Vacuum range, continuous, adjustable: at least 0 to a 675 mmHg .</p>	<p>Electrically powered vacuum extractor system to assist vaginal deliveries in a delivery room setting</p> <p>Electrical Requirements:</p> <p>Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F.</p> <p>The equipment must tolerate input voltage variations of +/- 20%.</p> <p>All electrical connections according to the European standards.</p> <p>Technical specifications:</p> <p>Vacuum range, continuous, adjustable: at least 0 to a 675 mmHg .</p>

	<p>With a vacuum gauge.</p> <p>Suction flow: at least 30 L/min.</p> <p>With a vacuum control button and on/off-switch.</p> <p>With foot pedal and manual suction function activation. Pedal provided.</p> <p>Plastic vacuum collection bottle reusable, sterilizable or washable, resistant to hospital-grade products.</p> <p>Capacity of vacuum collection bottle at least 1000 ml, with overflow protection system (anti-spill system).</p> <p>Suction tubing reusable, provided.</p> <p>Oil free motor</p> <p>All parts coming into contact with contamination media must be cleanable</p> <p>Mounted on a trolley with four (4) antistatic castors, at least two of the castors with brakes</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment in the language of the destination country (Uzbekistan) or at least in English as mandatory.</p> <p>Accessories:</p> <p>Vacuum collection bottle, in addition to that included in the device.</p> <p>One (1) Bird type suction cup, occiput posterior, stainless steel autoclavable, 50 mm sizes.</p>	<p>With a vacuum gauge.</p> <p>Suction flow: at least 30 L/min.</p> <p>With a vacuum control button and on/off-switch.</p> <p>With foot pedal and manual suction function activation. Pedal provided.</p> <p>Plastic vacuum collection bottle reusable, sterilizable or washable, resistant to hospital-grade products.</p> <p>Capacity of vacuum collection bottle at least 1000 ml, with overflow protection system (anti-spill system).</p> <p>Suction tubing reusable, provided.</p> <p>Oil free motor</p> <p>All parts coming into contact with contamination media must be cleanable</p> <p>Mounted on a trolley with four (4) antistatic castors, at least two of the castors with brakes</p> <p>All materials resistant to disinfection with hospital-grade products.</p> <p>Indications and messages on the equipment in the language of the destination country (Uzbekistan) or at least in English as mandatory.</p> <p>Accessories:</p> <p>Vacuum collection bottle, in addition to that included in the device.</p> <p>One (1) Bird type suction cup, occiput posterior, stainless steel autoclavable, 50 mm sizes.</p>
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	<p>Two (2) sets of soft suction cups, silicon type, reusable, 40 mm, 50 mm and 60 mm sizes.</p> <p>Two (2) Extraction handle, autoclavable.</p> <p>One (1) suction tubing, in addition to that included in the device. At least 2 meters long.</p> <p>One (1) Suction hose reusable, in addition to that included in the device.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p>	<p>Two (2) sets of soft suction cups, silicon type, reusable, 50 mm, 60 mm and 70 mm sizes (6 cups in total).</p> <p>Two (2) Extraction handle, autoclavable.</p> <p>One (1) suction tubing, in addition to that included in the device. At least 2 meters long.</p> <p>One (1) Suction hose reusable, in addition to that included in the device.</p> <p>Documentation requirement:</p> <p>User manual must be provided (including operation instructions, maintenance and/or procedures for decontamination, storage conditions, safe disposal). In Russian language.</p> <p>Service manual must be provided (including preventive maintenance and calibration procedures, equipment necessary for preventive maintenance and repair, diagrams and circuits). In Russian language.</p> <p>Contact details of manufacturer, supplier and local service agent must be provided:</p> <p>Copy of the agreement between the bidder and the local service center for the provision of services</p> <p>Manufacturer's authorization issued to the local service center for the right to provide maintenance services for the declared medical equipment (copy certified by the seal of the bidder and the local service center).</p> <p>Certificate of calibration and inspection to be provided, if applicable.</p>
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	<p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>ISO 10079-1:2022 Medical suction equipment -- Part 1: Electrically powered suction equipment.</p>	<p>Other regulatory bodies of an IMDRF founding member country such as Australia, Canada, or Japan.</p> <p>Safety & product Standards:</p> <p>Bidder shall furnish the documentary evidence to demonstrate that the good it offers meet the international safety & regulatory standards, providing in addition a signed and dated Declaration of Conformity (DoC) according to ISO 17050 stating compliance to the follow standards:</p> <p>ISO 13485: Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes.</p> <p>IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance</p> <p>IEC 60601-1-2: Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests</p> <p>1. ISO 10079-1:2022 Medical suction equipment -- Part 1: Electrically powered suction equipment.</p>
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